

Koch, W., Eckhard, S. and Malissa, H.
A HIGHLY SENSITIVE DETERMINATION OF SUL-
PHUR AND SIMULTANEOUS DETERMINATION OF
CARBON AND SULPHUR WITH A CONDUCTIVITY
RECORDER. [1961] [11]p.
Order from SLA \$1.60

61-18744

Trans. of Arch[iv für das] Eisenhüttenwesen (West
Germany) 1958, v. 29, Sep, p. 543-546.

C&G IN No A-984
DESCRIPTORS: *Sulfur, *Carbon, Determination,
Iron industry, Sensitivity, Conductivity, Electro-
chemistry, Recording devices.

Sulphur as well as carbon can be determined in iron-
works materials by measuring the changes in con-
ductivity which take place when the sample is burnt at
about 1350°C in a current of oxygen, and the sulphur
dioxide evolved absorbed in suitable solutions. The
sensitivity of the method is very closely related to the
(Metallurgy, TT, v. 6, no. 9) (over)

61-18744

I. Koch, W.
II. Eckhard, S.
III. Malissa, H.

90 82 345

Office of Technical Services

Changes in the Structure of Austenite Steels in
Creep-Rupture Tests, by W. Koch, A. Schrafer. USCL
GERMAN, per, Stahl u Eisen, ^{Vol LXXVIII,} 4 Sep 1958, pp 1251-
1262.

British Iron and
Steel Ind 1070

Sci - Min/Wrt
11 Feb 59

SLA 61-12877

80,010

61-16320

Koch, W. and Malissa, H.
HIGHLY ACCURATE DETERMINATION OF CARBON
CONTENTS WITH A RECORDING CONDUCTIVITY
INSTRUMENT. Rept. no. 233 of the Chemical Com-
mittee of the V[erein] D[eutscher] E[isenhüttenleute].
[1957] [9]p. 16 refs.
Order from SLA \$1.10

61-16320

Trans. of Archiv für das Eisenhüttenwesen (West
Germany) 1956, v. 27, no. 11, p. 695-699.

DESCRIPTORS: *Carbon, Graphite, Determination,
*Cast iron, Conductivity, Microanalysis, Carbon di-
oxide, Combustion, Instrumentation

I. Koch, W.
II. Malissa, H.
III. Title: Verein...

Determination of Low Shaft Furnace Profiles,
by W. Koch

GERMAN, per, Neue Huette, Vol VII, p 403, 1959,

C.S.I.R.O. 115
University of Melbourne
Languages Section, Faculty of Sci

Sci

May 60

115/166

Oxide Inclusions in Iron-Chromium-Oxygen Melts,
by W. Koch, et al.

GERMAN, per, Archiv Eisenhüttenwesen, May 1960,
pp 279-286.

BISI 1780

Sci - Chem

Sep 60

127,201

Treatment of Commercial Aluminium and Aluminium
Alloys with Chlorine and Nitrogen, by W. Koch, 4 p.

GERMAN, per, Zeit fur Metallkunde, 1931, Vol XXIII,
No 3, pp 95-96.

SLA 59-20358

Sci
Mar 60
Vol 2, No 12

109,236

A Simpler Chlorine Vacuum Separation
Technique, by W. Koch, O. Gautsch. UROL

GERMANY, FOR, Arch Eisenhuettenwesen,
Dec 1959, pp 723-730.

BISI 1635

(15)

114,313

Boi - Chem
Apr 60

Apparatus for the Isolation of Residues in Alloyed
and Unalloyed Steels, by P. Klinger, W. Koch.

GERMAN, pamphlet, Strohlein & Co., Dusseldorf, 5 pp.

BISI 2142

Sci - Min/Metals

Sep 61

list 109

168, 482

Experimental Proof of Ion Sheaths Surrounding
Rectifier Electrodes During De-ionization, by
W. Koch, 10 pp.

GERMAN, per, Z. Tech. Phys., Vol XVII, 1936,
pp 446-452.

S.L.A. Tr No 57-111

Sci - Nuclear Physics
Apr 57

46,961

The Effect of Aluminium on the Properties of
Mild Steels, by K. Dorn, W. Koch. UECL

GERMAN, per, Stahl u Eisen, Vol LXXII, No 14,
1952, pp 820-832.

British Iron and Steel Ind
(no number given)

Sol - Min/Met
Sep 59

98,139

Microanalytical Investigation in Ferrous Research.

II. Spectrochemical Investigation of Isolated
Structural Constituents in Steels, by W. Koch,
S. Eckhard. UNCL

GERMAN, per, Arch Eisenhuettenwesen, Vol XXVII,
1955, pp 165-176.

British Iron and Steel Ind
(no number given)

Sci - Phys
Sep 59

98, 242

Radio Tracer Technique as Applied to Investigation
of the Metallurgical Processes in a 50-Ton Open-
Hearth Furnace, by W. Koch and K. Fink.

GERMAN, Archiv Fur Das Eisenhüttenwesen, Vol 22,
1951, No 11-12, pp 371-375.

Brutcher Tech Tr No 2932

A-2564

Electromagnetic Methods of Nondestructive Testing.
Part I of 'New Methods of Quality Control With
Special Reference to Their Automation', by
P. Förster, K. Sprungmann, A. Michalski, W. Koch.

GERMAN, per, Technische Mitteilungen, Vol L, No 4,
1957, pp 162-174.

Henry Bratcher
Tr 3956
\$13.40

Sci - Electronics
Aug 57

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Determination of Nitrogen in Steel, by W. Koch,
H. H. Sauer.
GERMAN, per, Z. Anal. Chem., Vol 150, No 1,
1952, pp 81-91.
DST 5482

W. Koch

319,024

Bol - Materials
Feb 67

KLINGER, P.
KOCH, W.
STENGEL, B.

Archiv Eisenhüttenwesen, vol. 8, 9 figures, 11 tables,
11600 words; 1936.

Potentiometric Determination of Molybdenum and
Titanium in Steel, Ferroalloys, and Ores in the
Presence of Iron and Accompanying Elements.

Brutcher Trans., Order No. 327 \$11.60 A-5454

In What Ways and to What Degree can the Internal Transport, the Handling Plant and the Production Plant be Integrated, by E. Bergermann, W. Koch.

GERMAN, rpt, ~~International~~ Paper Presented at the International Works Transport Conference Paris, May 1963.

BISI 3401

Sci - Engr
Nov 63

241,686

New Methods for the Examination of Gases in Steels,
W. Koch.

GERMAN, per, Berg u Hüttenmann Monatsh, Vol C, No
7-8, 1955, pp 225-229.

ASLIB-DB66

Sci

Aug 59

94,220

ON THE BEHAVIOUR OF COPPER, PHOSPHORUS AND ARSENIC
IN THE ELECTROLYTIC DECOMPOSITION OF IRON ALLOYS,
BY W. KOCH.

GERMAN, PER, ARCHIV EISENHUTTENWESEN, VOL XXXIII,
NO 2, 1962, PP 85-89.

HB 5562

SCI - MIN/MET
AUG 62

206,991

Spectrometric Rapid Analysis of Gases in Steel, by
W. Koch.

GERMAN, per, Archiv Eisenhüttenwesen, Vol XXX,
No 3, 1959, pp 137-144.

Henry Bratcher 4558

Sci - Engr

Jun 59

88,351

Electrochemical Basis of the δ Isolation of
Structural Components in Steels, by W. Kech,
H. Sundermann. UNKL

GERMANY, per, Arch Eisenhuettenwesen, No 7, 1957,
pp 45 557-566.

British Iron and Steel Ind 1029
(17 10s.0d.)

Sol - Min/Max
Jan 59

61-18439

79,790

Magnetic Separation of Electrolytically
Isolated Structural Constituents From Metallic
Materials, by W. Koch, H. Sundermann. UNCLASSIFIED

GERMAN, per, Arch Eisenhuettenwesen, No 4, 1958,
pp 219-224.

British Iron and
Steel Ind 1028
(14.10.0)

76,040

Doc - Min/Wat OTS 61-18438
Nov 58

KLINGER, P.
KOCH, W.

Archiv Eisenhüttenwesen, vol. 10, 8 figures,
4 tables, 4900 words; 1937.

Microchemical Determination of Nitrogen in Steel
with Special Reference to the Analysis of Surfaces.

Brutcher Trans, Order No. 382 \$4.90

A 54 55

KOCH, W.

Technische Mitteilungen Krupp, Forschungsberichte,
vol. 1, 2 figures, 1 table, 2100 words; 1938.

Quick Micromethod for Chromium in Steel.

Brutcher Trans, Order No. 1292 \$2.60

A5536

KOCH, W.

Technische Mitteilungen Bruno, Forschungsberichte,
vol. 1, 2 figures, 3 tables, 3300 words; 1938.

Quick Micromethod for Phosphorus in Steel.

A 5537

Butcher Trans, Order No. 1309, 6h.10.

KOCH, W.

TECHNISCHE MITTEILUNGEN KRUPP, Forschungs-Berichte,
vol 1, 1938

Quick Micromethod for Aluminum in Steel

Brutcher Trans 1429, \$4.70

A 55 38

Progress in the Isolation of Inclusions and
Structural Constituents in Alloyed and Unalloyed
Steel, by P. Klinger, W. Koch.

GERMAN, por, Stahl u Eisen, Vol LXVIII, Nos 19/20,
1948, pp 321-333.

DSIR 34104/CT

Sci - Minerals/Metals
Mar 59

83,302

On the Best Ways of Deoxidizing Molten Steel, by
W. Koch and F. Wever. UNCLASSIFIED

BERMAN, per, Stahl und Eisen, vol LXXIV, No 5, 1954,
pp 264-271.

Brutcher Tr 3268

Scientific - Minerals/Metals

Price \$9.20

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Production of Chromized Layers on Steel, by H. Beaneck,
W. Koch, W. Pofaute.

GERMAN, per, Stahl und Eisen, Vol LXIV, 1944.

Brutcher Tr 1620

Scientific - Min/Metals

\$5.50

12,690

HOUDELMONT, Ed.

KOCH, E.

WIESTER, H.J.

ARCHIV EISENHUTTENWESEN, vol 16, 1945, Nos 7-8, pp 147-154

Brutcher Trans 1825, \$9.90

A-4231

KLINGER, P.
KOCH, W.

Archiv Fur Das Eisenhüttenwesen, vol. 13, 1939-40, #3,
pp. 127-132; 7 figures, 3 tables, 5700 words.

Photometric Determination and Separation of Columbium,
Tantalum, and Titanium in Steel and Ferroalloys.

Brutcher Trans., Order No. 2586, \$9.80

14-5460

V
Contribution to the Rapid Determination of Copper
in Steel by W. Koch and K. Behrens.

GERMAN, per, Archiv fur das Eisenhüttenwesen,
Vol XXIII, No 1/ 2, 1952, pp 35-36.

Brutcher Tr No 2864

Scientific - Min/Metals

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Contribution to the Isolation of Sulphides in
Steels, by W. Koch, E. Artner. UNCL

GERMAN, per, Arch Eisenhuettenwesen, ~~Band 95~~
Dec 1958, pp 737-744.

British Iron and Steel Ind 1214

Sci - Chem
Aug 59

93, 399

The State of Development of Transport by Lorries and
Other Mobile Equipment in German Steelworks, by
W. Koch, A. Muller.

GERMAN, Paper Presented at the International
Steelworks Transport Conference, Milan, Jun 1961.

BISI 2177

Sci - Engr

171, 411

Oct 61

Refining of Aluminium and its Alloys by
Treatment With Chlorine and Nitrogen Pt 1., by
W. Koch, 7 p.

GERMAN, Ger, Metallwirtschaft, 1931, Vol X,
pp 69-72.

SLA 59-15867

Sci
Dec 59
Vol 2, No 6

103,999

KOCH, W.
WENTRUP, H.
REIF, O.

Chemical and Physico-Chemical Principles of
Deoxidation (of Steel) with Manganese, Silicon, and
Aluminum.

ARCHIV FUR DAS EISENHUTTENWESEN, vol 22, 1951, #1-2,
pp 15-29; 24 figures, 14 tables, 8200-word condensed
translation.

Brutcher No 2809, \$15.75

A-5539

61-12421

Koch, W., Eckhard, S., and Stricker, F.
A NEW METHOD FOR THE SPECTRAL ANALYSIS
OF GASES. [1960] 8p.
Order from ATS \$10.85 ATS-74M45G

Trans. of Angew[andte] Chem[ie] (West Germany)
1959, v. 71, no. 17, p. 545-549.

- I. Gases--Spectrographic analysis
- I. Koch, W.
- II. Eckhard, S.
- III. Stricker, F.
- IV. ATS-74M45G
- V. Associated Technical Services, Inc.,
East Orange, N. J.

Office of Technical Services

(Chemistry--Analytical, TT, v. 5, no. 6)

Koch, W., Lischner-Gensch, C., and Rohde, H.
THE FORMATION OF A CUBIC NITRIDE IN ALU-
MINIUM-CONTAINING STEELS. [1961] [10]p.
Order from SLA \$1.10 61-18900

Trans. of Archiv für das Eisenhüttenwesen (West
Germany) 1956, v. 27, no. 11, p. 701-706.

DESCRIPTORS: Aluminum, *Steels, Chemical
properties, *Nitrides, Precipitation, Microanalysis.

Test pieces of low-carbon steel with 0.005 to 1.75%
aluminum were nitrided for 17 hours at 600°C in
ammonia, and subsequently annealed for 48 hours at
1000°C in a steam of ammonia. The structures of the
nitrided layers were examined microscopically and the
nitrogen distribution determined by microanalysis. The
nitrogen-rich layer contained amounts of nitrogen
which increase in aluminum content of steel. It was
(Metallurgy--Ferrous Metals, TT, v. 6, no. 9) (over)

61-18900

I. Koch, W.
II. Lischner-Gensch, C.
III. Rohde, H.

Office of Technical Services

(NY-3849)

SECRET

The Production of Smelter-Slag Pumice in East
Germany, by Kurt Saeuberlich, Joachim Guenther,
Walter Koch, 5 pp.

GERMAN, per, Neue Huette, Vol V, No 1, 1960,
Berlin, pp 18-20.

JPRS 5262

EEur - Germany
Econ - Mining, metallurgy
Aug 60

123,025

The Transformation Kinetics of Steels; the
Composition of the Reactants During the
Transformation of a Chromium-Manganese Steel in
the Pearlite Range, by Franz Wever, Walter Koch,
16 pp.

GERMAN, per, Archiv fur das Eisenhüttenwesen,
Vol XXI, No 5/6, 1950, pp 143-152.

SLA 60-18629

Sci

Apr 61

146,165

Koch, Walter and Helm, Gerda.
THE ACCUMULATION OF ESTROGENS IN THE
ANIMAL BODY I. HORMONALLY CASTRATED
COCKERELS (Die Speicherung von Oestrogenen im
Tierkörper). [1963] [9p] 6 refs
Order from SLA \$1.10

TT-64-10348

Trans. of Endokrinologie (East Germany) 1952, v. 29,
no. 5/6, p. 288-293.

TT-64-10348

I. Koch, W.
II. Helm, G.
III. Title: Hormonally...

883437

(Biological Sciences--Physiology, TT, v. 11, no. 12)

Office of Technical Services

Koch, Walter, Schrader, Angelica and others.
CHANGES IN THE STRUCTURE OF AUSTENITIC
STEELS IN CREEP RUPTURE TESTS. Rept. no. 1143
of the Material Panel of the V[erein] D[eutscher]
E[isen]h[uttenleute]. [1961] 22p. 17 refs.
Order from SLA \$2.60

61-18383

Trans. of Stahl und Eisen (West Germany) 1958 [v. 78]
no. 18 [p. 1251-1262] (Max Planck Institut [für Eisen-
forschung] (West Germany). [Communication] 776).
Another trans. is available from BISI & 6 10s as
BISI-1070 [1960]; summary trans. available from SLA
mi \$1.80, ph \$1.80 as 59-10159 [1959] [2]p.

DESCRIPTORS: *Steel, *Microstructure, *Creep, Car-
bides, Chromium alloys, Nickel alloys, Intermetallic
compounds, Rupture, *Austenite, Stresses, Alloys,
Eutectics, Titanium, Niobium, Molybdenum, *Crystal
structure, *Heat resistant alloys, Grains (Metallurgy).
(Metallurgy--Structural, TT, v. 7, no. 1)

61-18383

- I. Koch, W.
- II. Schrader, A.
- III. Title: Verein ...
- IV. Max ... Communication 776

184195

Office of Technical Services

Influence of Aluminum on the Properties of Mild
Unalloyed Steels, by Kurt Born, Walter Koch.

Full translation.

GERMAN, per, Stahl u Eisen, Vol LXXII, 1952, pp 1268-
1277.

Nova Scotia Eo 194

from + Steel Sheet

Scientific - Minerals/Metals

BISITS 463

Aug 53 CTS

4599

60-18603

Koch, Walter].

ELECTROLYTIC ISOLATION OF THE CARBIDES IN
ALLOY AND UNALLOYED STEELS. [Dec 50] 17p.

(15 figs. omitted) 41 refs.

Order from SLA ml\$2.40, ph\$3.30 60-18603

Trans. of Stahl und Eisen (West Germany) 1949, v. 69
[no. 1] p. 1-8.

1. Steel--Metallurgical
analysis
 2. Carbides--Separation
 3. Electrolysis--Applications
1. Koch, W.

Office of Technical Services

(Metallurgy, TT, v. 5, no. 2)

Koch, W[alter] and others.
THE CARBIDES AND THE CREEP BEHAVIOUR OF
Cr-Mo-V STEELS. [1960].
Order from BISI £5 10s

BISI-714

Trans. of Archiv für das Eisenhüttenwesen (West
Germany) 1957, v. 28 [no. 8] p. 445-459.

(Metallurgy--Ferrous Metals, TT, v. 5, no. 9)

61-12875

1. Steel--Creep
2. Carbides--Properties
1. Koch, W.
- II. BISI-714
- III. British Iron and Steel
Industry Translation
Service

Office of Technical Services

Testing Apparatus For ~~Texco~~ Thermal Conductivity of
Plastics, by We. Koch.

GERMAN.

USDA per
NC State College Vol 781

Jun 59

Principles of the Isolation of Structural Constituents in Steels, by W. Koch, H. Sundermann, 13 pp.

GERMAN, per, Radex Rundschau, No 5/6, 1957, pp 679-692.

Broken Hill Proprietary
Co Ltd

Sci - Min/Net
Nov 61

174,315

Koch, Wilhelm and Guthke, Friedrich Wilhelm.
PROCESS FOR THE PRODUCTION OF PURE CONDEN-
SATION PRODUCTS FROM PHENOL AND KETONES.
[1962] 5p.

Order from OTS or SLA \$1.10

62-16253

Trans. of German patent 604,406, cl. 12q, gr. 16,
1 45574 IVa/12q, by I. G. Farbenindustrie Akt.-Ges.,
granted 4 Oct 34, pub. 20 Oct 34, pat. 22 Oct 32.

DESCRIPTORS: *Phenols, *Ketones, Condensation,
Salts, Production

(Engineering--Chemical, TT, v. 9, no. 1)

62-16253

- I. Koch, W.
- II. Guthke, F. W.
- III. Patent (Germany) 604 406

62-16253

Office of Technical Services

Kochakian, Ch. D.
ANABOLIC AND ANDROGENIC ACTIVITY OF
ANDROGENS (Die Anabole und Androgene Aktivität
von Androgenen). [1961] 12p. 38 refs.
Order from SLA \$1.60

62-10338

Trans. of Klin[ische] W[ochen]schr[ift] (Germany)
1961, v. 39, 1 Sep, p. 881-884.

DESCRIPTORS: Metabolism, Proteins, Tissues
(Biology), *Androgens, Reproductive system,
Pharmacology, Steroids.

The anabolic activity of the androgens is expressed by
their activity on a number of tissues other than the
accessory sex organs. The androgen molecule was
modified in order to obtain a steroid which would de-
velop above all an anabolic action on the peripheral
tissues. Therefore the reaction of various tissues has
(Biological Sciences--Pharmacology, 1T, v. 7, no. 9)
(over)

62-10338

1. Title: Perandren
2. Title: Metandren
1. Kochakian, C. D.

206155

Office of Technical Services

Accuracy of Measuring Resistance With a Double
Bridge, by V. A. Kochan, 15 pp.

RUSSIAN, no per, Elektrichestvo, No 3, 1955,
pp 65-68.

Sci Mus Lib No 56/3147

Sci - Electricity

44,030

Walt K. Branch, Canada
77 92 628

Maximum Sensitivity of a Simple Bridge Circuit at
Balance, by V. A. Kochan, 6 pp.

RUSSIAN, per, Izmeritel Tekh, No 3, 1959,
pp 36-38.

Instru Soc of Amer

Sci

Jun 60

117,675

Kochankov, G.
CONSERVACION FRIGORIFICA DE QUESOS (Opyt
Khraneniya Syrov na Kholodil'makakh) (Low Tempera-
ture Cheese Preservation). 14p. CID: 62-216.
Order from OTS, ETC or CID \$0.80 62-29216

Trans. in Spanish of Kholodil'maya Tekhnika (USSR)
1958, v. 35, no. 5, p. 38-41.

DESCRIPTORS: *Frozen food, Storage, Preservation,
*Cheese.

(Food, TT, v. 10, no. 9)

62-29216

- I. Kochankov, G.
- II. CID-62-216
- III. Centro de Información
y Documentación,
Madrid (Spain)

44-38871

Office of Technical Services

(NY-4(1))

The Effect of Gibberellin on Plant Growth and
Development, by M. Kh. Chaylakhyan, V. G.
Kochankov, V. E. Zamota, 7 pp.

RUSSIAN, per, Fiziologiya Rasteniy, Vol VII, No 3,
1960, 3 pp 340-343.

JPRS 5860

Sci - Biology

133,444

Nov 60

Determination of Trajectories in the Plane Three-
Electrode Lens, by E.S. Kochanov, 7 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXXIII, No 11,
1963, pp 1301-1310.

Amer Inst of Phys
Sov pPhys - Tekh Phys
Vol VIII, No 11

Sci
May 64

259,603

Analytical Determination of the Trajectories of
Charged Particles in Plane Electrostatic Fields, by
E.S. Kochanov, 6 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXXII, No 1, 1962,
pp 294-302.

Amer Inst of Phys
Sov Phys - Tech Phys
Vol VII, No 3

Sci

Aug 62

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Concerning the Toxicity of Ethylene Trifluoride, by M. M. Kochanov, 8 pp.
RUSSIAN, per, Gigiyena Truda i Professional-
noye Zabolivaniya, Vol 8, No 10, 1964, pp 21-
28.
JPRS 28051

Sol-Chen
Mar 65

276,627

Meetings of Element Commanders, by V. P. ^B Babkov,
H. K. Kochanov, K. A. Gorodnichenko, 8 p.

RUSSIAN, per, Vest Voz Flota, No 7, 1959, pp 47-52.
652066.

ATIC

USSR

MI1

Feb 60

106,663

Compilation of Tables for Calculating Transient Response Curves of Electric Filters, by N. S. Kochanov, 7pp.

RUSSIAN, per. Elektrosvysz, No 9, 1962.

AIEZ

Sci

Apr 63

232,979

~~General Characteristics of Electromagnetic~~
of the Polynomial Type, by N. S. Kochanov, pp 4

RUSSIAN, per, Elektromagnit, No 3, 1961, pp 60-61

ADME

Sci

Oct 61

171, 814

^S
Resonance Phenomena in Two Connected Line Sections
With Low Losses, by N. S. Kochanov, 5 pp.

RUSSIAN, per, Radiotekhnika, Vol XI, No 7, 1956,
pp 60-62.

SLA Tr R-1015

Sci - Physics
Oct 57

54, 494

The Interpolation of Functions by Exponential Polynomials and Its Application to the Synthesis of Electrical Circuits With Respect to Time Characteristics, by N. S. Kochanov, 9 pp.

RUSSIAN, per, Radiotekh, Vol XV, No 8, 1960, pp 61-66.

PP

Sci -
Apr 61

146,565

(NY-5231/RT4)

On the Interpolation of a Periodic Series of Square Waves, by N. S. Kochanov, 4 pp.

RUSSIAN, per, Iz Vysakhkh Ucheb Kaved - Ser Radiofiz, Vol III, No 4, 1960.

JPRS 7381

Sci

Apr 61

APPROVED FOR RELEASE: 08/15/ 2001

CIA-RDP84-00581R000100270057-6

(NY-5232)

Designing a Balancing Line on the Basis of the
Given Initial-Current Curve, by N. S. Kochanov,
9 pp.

RUSSIAN, per, Vestnik Svyazi, No 6, 1953.

JPRS 7104

Sci

Apr 61

146,737

The Relationship Between Linear Systems Transient
Responses and Their Laplace Transforms, by N. S.
Kochanov, 6 pp.

RUSSIAN, per, Avtomat i Telemekh, Vol XXI, No 1, 1960,
pp 20-28.

Instru Sov of Amer

13², 639

Sci
Oct 60

On Some Properties of Discontinuous Screens in
a Balanced Circuit, by H. S. Kochanov,

RUSSIAN, per, Electrosvia, 1958, No 3, pp 58-62.

Pergamon Press

Sci

Feb 60

108,283

109
Question Concerned with the Design and Modeling
of Electrochemical Anticorrosion Protection for
Ships, by Yu. Ya. Kozel, Ye. S. Kochanov.
KOSOLAN, Ch. Vop Rascheta i Modelirovaniya
Elektrokhimicheskoy Antikorroziynoy Zashchity
Dobro, 1965, 301 pp.
INV/HSC/Exec-5661-69

Plane Problem of the Theory of Elasticity for
Plates of Variable Thickness, by Ya. P. Kerzhakov,
111 pp.
RUSSIAN, per, Inzhenernyy Zhur, Vol IV, No 1,
1961, pp 364-371.
JPRS 26417

Sci - Engr
Oct 61

267,394

Sweden's Cement Industry, by E. B. Kochanova, 2 pp.

RUSSIAN, per, Tsement, No 1, 1957, p 30.

Consultants Bureau

Sci - Engineering
Jul 58

66,331

Certain Characteristics of the Brittle Fracture
of Metal Crystals, by E. D. Shchukin, L. A.
Kochanova, V. N. Likhtman, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 5, 1960, pp 1064-1066.

AIP
Sov Phys- Doklady
Vol V, No 4

Sci

Mar 61

141,715

Nucleation and Development of Cracks in Deformed
Crystals, by L. A. Kochanova, E. D. Shelukin, V. I.
Lichtman, P. A. Rehbinder, 3 pp. UNCLASSIFIED

RUSSIAN, per, Dok Ak Nauk, SSSR, Vol CXXXIII, No 1,
1960, pp 71-73.

Navy Tr 2731/MRL 826

Sci - Physics
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 where P_0 is the tension stress referred to the initial
 cross section, and γ is the angle of inclination of the
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